

Approved For Release

000200010039-7

- ☐ LABORATORY VISITOR
☐ TRIP REPORT
☐ MISCELLANEOUS REPORT
☒ TELEPHONE CALL

CONTACT REPORT

STATINTL
STATINTL

FILE MM:bb:351

STATINTL

SUBJECT: Telephone Call to [REDACTED] PROJECT NO. 997-112

REPORTED BY: [REDACTED] DEPT. 72

TALKED TO: [REDACTED] TITLE:

DATE OF CALL:

OTHERS ATTENDING CONFERENCE: [REDACTED]

PURPOSE OF CALL: To obtain information on our [REDACTED] densitometer STATINTL

REFERENCES:

FOR ATTENTION OF

SUMMARIZE RESULT OF CALL OR VISIT—BE BRIEF

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STATINTL

[REDACTED] and I called the [REDACTED] to obtain information on the [REDACTED] densitometer which we own. The following information was obtained from [REDACTED] STATINTL

1. The numerical aperture used in the [REDACTED] densitometer is slightly larger than that specified for ASA diffuse density measurements (the cone half angle being about 25°). STATINTL

2. The lamp voltage is set to give approximately 220 volts across the photomultiplier dynode when the instrument is reading zero density.

3. [REDACTED] had at one time been using flashed opal diffusers in the detector head, had changed to a cheaper plastic diffusing material, and then, because the plastic material was found to be a poor diffuser, changed to pot opal diffusers. STATINTL

Our instrument was equipped with the plastic diffuser with the result that the densities read for non-scattering samples were too low. Mr. [REDACTED] said that we should write to [REDACTED] who would supply us with the proper (pot opal) diffuser and with a new calibration wedge.

Declass Review by NIMA/DOD

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